<110> MI, SHA
      MCCOY, JOHN
      PEPINSKY, R. BLAKE
      LEE, DANIEL H. S.

<120> NOGO RECEPTOR BINDING PROTEIN

<130> 2159.0440003/EJH/CLD

<140> 10/553,685
<141> 2004-03-17

<150> PCT/US04/008323
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<150> 60/455,756
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<150> 60/480,241
<151> 2003-06-20

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<151> 2003-08-01

<160> 41

<170> PatentIn Ver. 3.2

<210> 1
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gccccgctgc gagtgctccg cccaggaccg cgctgtgctg tgccaccgca agcgctttgt     240
ggcagtcccc gagggcatcc ccaccgagac gcgcctgctg gacctaggca agaaccgcat     300
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caacctgacc aagctggaca tcagcgagaa caagattgtt atcctactgg actacatgtt     540
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<210> 2
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<211> 614
<212> PRT
<213> Homo sapiens

<400> 2

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Trp Gln Pro Ile Leu Leu Leu Val Leu Gly Ser Val Leu Ser Gly Ser
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Ala Thr Gly Cys Pro Pro Arg Cys Glu Cys Ser Ala Gln Asp Arg Ala
                35                  40                  45

Val Leu Cys His Arg Lys Arg Phe Val Ala Val Pro Glu Gly Ile Pro
        50                  55                  60

Thr Glu Thr Arg Leu Leu Asp Leu Gly Lys Asn Arg Ile Lys Thr Leu
 65                  70                  75                  80

Asn Gln Asp Glu Phe Ala Ser Phe Pro His Leu Glu Glu Leu Glu Leu
                85                  90                  95

Asn Glu Asn Ile Val Ser Ala Val Glu Pro Gly Ala Phe Asn Asn Leu
                100                 105                 110

Phe Asn Leu Arg Thr Leu Gly Leu Arg Ser Asn Arg Leu Lys Leu Ile
        115                 120                 125

Pro Leu Gly Val Phe Thr Gly Leu Ser Asn Leu Thr Lys Leu Asp Ile
        130                 135                 140

Ser Glu Asn Lys Ile Val Ile Leu Leu Asp Tyr Met Phe Gln Asp Leu
145                 150                 155                 160

Tyr Asn Leu Lys Ser Leu Glu Val Gly Asp Asn Asp Leu Val Tyr Ile
                165                 170                 175

Ser His Arg Ala Phe Ser Gly Leu Asn Ser Leu Glu Gln Leu Thr Leu
                180                 185                 190

Glu Lys Cys Asn Leu Thr Ser Ile Pro Thr Glu Ala Leu Ser His Leu
            195                 200                 205

His Gly Leu Ile Val Leu Arg Leu Arg His Leu Asn Ile Asn Ala Ile
        210                 215                 220

Arg Asp Tyr Ser Phe Lys Arg Leu Tyr Arg Leu Lys Val Leu Glu Ile
225                 230                 235                 240

Ser His Trp Pro Tyr Leu Asp Thr Met Thr Pro Asn Cys Leu Tyr Gly
                245                 250                 255

Leu Asn Leu Thr Ser Leu Ser Ile Thr His Cys Asn Leu Thr Ala Val
            260                 265                 270

Pro Tyr Leu Ala Val Arg His Leu Val Tyr Leu Arg Phe Leu Asn Leu
        275                 280                 285

Ser Tyr Asn Pro Ile Ser Thr Ile Glu Gly Ser Met Leu His Glu Leu
        290                 295                 300
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3

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Leu Arg Leu Gln Glu Ile Gln Leu Val Gly Gly Gln Leu Ala Val Val
305             310             315                 320

Glu Pro Tyr Ala Phe Arg Gly Leu Asn Tyr Leu Arg Val Leu Asn Val
                325             330                 335

Ser Gly Asn Gln Leu Thr Thr Leu Glu Glu Ser Val Phe His Ser Val
            340             345             350

Gly Asn Leu Glu Thr Leu Ile Leu Asp Ser Asn Pro Leu Ala Cys Asp
            355             360             365

Cys Arg Leu Leu Trp Val Phe Arg Arg Arg Trp Arg Leu Asn Phe Asn
    370             375             380

Arg Gln Gln Pro Thr Cys Ala Thr Pro Glu Phe Val Gln Gly Lys Glu
385             390             395                 400

Phe Lys Asp Phe Pro Asp Val Leu Leu Pro Asn Tyr Phe Thr Cys Arg
                405             410             415

Arg Ala Arg Ile Arg Asp Arg Lys Ala Gln Gln Val Phe Val Asp Glu
            420             425             430

Gly His Thr Val Gln Phe Val Cys Arg Ala Asp Gly Asp Pro Pro Pro
        435             440             445

Ala Ile Leu Trp Leu Ser Pro Arg Lys His Leu Val Ser Ala Lys Ser
    450             455             460

Asn Gly Arg Leu Thr Val Phe Pro Asp Gly Thr Leu Glu Val Arg Tyr
465             470             475                 480

Ala Gln Val Gln Asp Asn Gly Thr Tyr Leu Cys Ile Ala Ala Asn Ala
            485             490             495

Gly Gly Asn Asp Ser Met Pro Ala His Leu His Val Arg Ser Tyr Ser
            500             505             510

Pro Asp Trp Pro His Gln Pro Asn Lys Thr Phe Ala Phe Ile Ser Asn
        515             520             525

Gln Pro Gly Glu Gly Glu Ala Asn Ser Thr Arg Ala Thr Val Pro Phe
    530             535             540

Pro Phe Asp Ile Lys Thr Leu Ile Ile Ala Thr Thr Met Gly Phe Ile
545             550             555                 560

Ser Phe Leu Gly Val Val Leu Phe Cys Leu Val Leu Leu Phe Leu Trp
            565             570             575

Ser Arg Gly Lys Gly Asn Thr Lys His Asn Ile Glu Ile Glu Tyr Val
            580             585             590

Pro Arg Lys Ser Asp Ala Gly Ile Ser Ser Ala Asp Ala Pro Arg Lys
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Phe Asn Met Lys Met Ile
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4

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<210> 3
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
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<210> 4
<211> 9
<212> PRT
<213> Homo sapiens

<400> 4
Arg Arg Ala Arg Ile Arg Asp Arg Lys
  1               5



<210> 5
<211> 9
<212> PRT
<213> Homo sapiens

<400> 5
Lys Lys Val Lys Val Lys Glu Lys Arg
  1               5



<210> 6
<211> 9
<212> PRT
<213> Homo sapiens

<400> 6
Arg Arg Leu Arg Leu Arg Asp Arg Lys
  1               5



<210> 7
<211> 9
<212> PRT
<213> Homo sapiens

<400> 7
Arg Arg Gly Arg Gly Arg Asp Arg Lys
  1               5



<210> 8
<211> 9
<212> PRT
<213> Homo sapiens

<400> 8
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```
Arg Arg Ile Arg Ala Arg Asp Arg Lys
  1               5


<210> 9
<211> 6
<212> PRT
<213> Homo sapiens

<400> 9
Met Gln Val Ser Lys Arg
  1               5


<210> 10
<211> 6
<212> PRT
<213> Homo sapiens

<400> 10
Leu Ser Pro Arg Lys His
  1               5


<210> 11
<211> 6
<212> PRT
<213> Homo sapiens

<400> 11
Ile Thr Pro Lys Arg Arg
  1               5


<210> 12
<211> 6
<212> PRT
<213> Homo sapiens

<400> 12
Ala Cys Pro His His Lys
  1               5


<210> 13
<211> 6
<212> PRT
<213> Homo sapiens

<400> 13
Val Ser Pro Arg Lys His
  1               5


<210> 14
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer
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<400> 14
aaggcccagc aggtgtttgt gga                                          23


<210> 15
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 15
tactcgatct cgatgttgtg cttt                                        24


<210> 16
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 16
cagcaggtcg acgcggccgc atgctggcgg ggggcgt                          37


<210> 17
<211> 29
<212> DNA
<213> Homo sapiens

<400> 17
cagcaggtcg acctcgcccg gctggttgg                                   29


<210> 18
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 18
aattaagaat tcacgggctg cccgccccgc tgcgagt                          37


<210> 19
<211> 44
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 19
tatatttcta gatcactcgc ccggctggtt ggagatgaaa gcga                  44
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<210> 20
<211> 44
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 20
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<210> 21
<211> 45
<212> DNA
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<220>
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<400> 21
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<210> 22
<211> 44
<212> DNA
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<220>
<223> Description of Artificial Sequence: Primer

<400> 22
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<210> 23
<211> 45
<212> DNA
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<220>
<223> Description of Artificial Sequence: Primer

<400> 23
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<210> 24
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 24
atattctaga atgctggcgg ggggcgtgag   30

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<220>
<223> Description of Artificial Sequence: Primer

<400> 25
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<210> 26
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 26
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<210> 27
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 27
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<400> 28
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<210> 29
<211> 43
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 29
gcggtcccgg atgcgggcgc ggaattcacc cgggtg:gcg gcg                     43


<210> 30
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<211> 43
<212> DNA
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<220>
<223> Description of Artificial Sequence: Primer

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<220>
<223> Description of Artificial Sequence: Primer

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<210> 32
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 32
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<210> 33
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 33
gctcttggct gagaccagta ccttttcggg tgagagccag aggatg                 46


<210> 34
<211> 5
<212> PRT
<213> Homo sapiens

<400> 34
Ser Pro Arg Lys His
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<210> 35
<211> 31
<212> DNA
<213> Artificial Sequence
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<220>
<223> Description of Artificial Sequence: Primer

<400> 35
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<210> 36
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 36
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<210> 37
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 37
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<210> 38
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 38
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<210> 39
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 39
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<210> 40
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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

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gcggggcgcg tcggc   75

<210> 41
<211> 55
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 41
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